

# Converting Colors

Hex(120011)

Have a look what the booklet for  
Hex(120011) contains.

<b>Hex(120011)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(120011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	120011
RGB	18, 0, 17
RGB Percent	7%, 0%, 7%
CMY	0.9294, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.06, 0.93
HSL	303°, 100%, 4%
HSV	303°, 100%, 7%
XYZ	0.3506, 0.1691, 0.5445
YIQ	7.3200, 5.2710, 9.1030

# Conversions

## Conversions Part 2

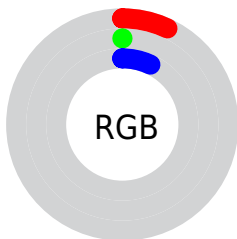
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 0, 17
Decimal	1179665
CIE <sub>Lab</sub>	1.53, 7.78, -5.15
CIE <sub>LCh</sub>	2, 9.333, 326.475
Yxy	0.1691, 0.3295, 0.1589
Android (android.graphics.Color)	4279369745 (0xFF120011)
YUV	7.3200, 4.7722, 9.3664
Hunter-Lab	4.1118, 8.0258, -4.9727

# Details

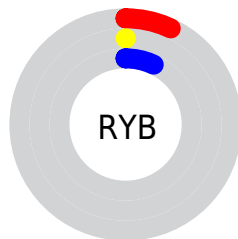
The Hex color **120011** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001201**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **3C303B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **120011**, and if you desaturate by 10%, it is **120211**.

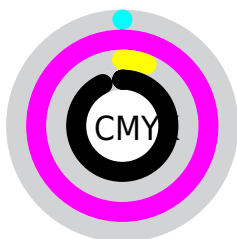
# Distribution



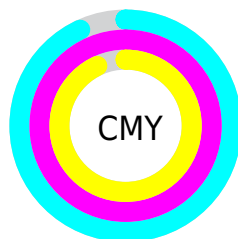
- Red (7%)
- Green (0%)
- Blue (7%)



- Red (7%)
- Yellow (0%)
- Blue (7%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (93%)



- Cyan (93%)
- Magenta (100%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 120011 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 120011 by changing the saturation by 10% instead.



 120011

 120011

 F2E2F1

 000000

 3C303B

 534652

 6B5E6B

 847784

 9F909E

 BAABB9

 D5C6D4

 120011

■ 120211

■ 120411

■ 120511

■ 120711

■ 120912

■ 120B12

■ 120D12

■ 120E12

■ 121012

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



070316



120011



180007

# Triad

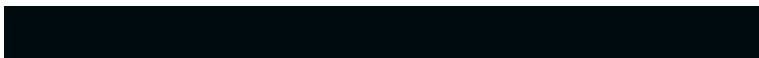
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



120011



0A0500



000B0F

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



120011



001201

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



000B04



120011



000900

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



120011



130100



000A00



000A15

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



120011



190000



000A00



000B0C



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



120011



171017



010012



0D080C



8C8C8C



0D0D0D



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



120011



170016



120008



0A090A



4A0046



C900BE



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



120011



170016



00120A



0A090A



4A0046

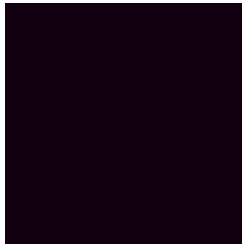


C900BE



# Previews

## White Background



This preview shows how the Hex color 120011 looks on a white background.

## Color Contrast Check

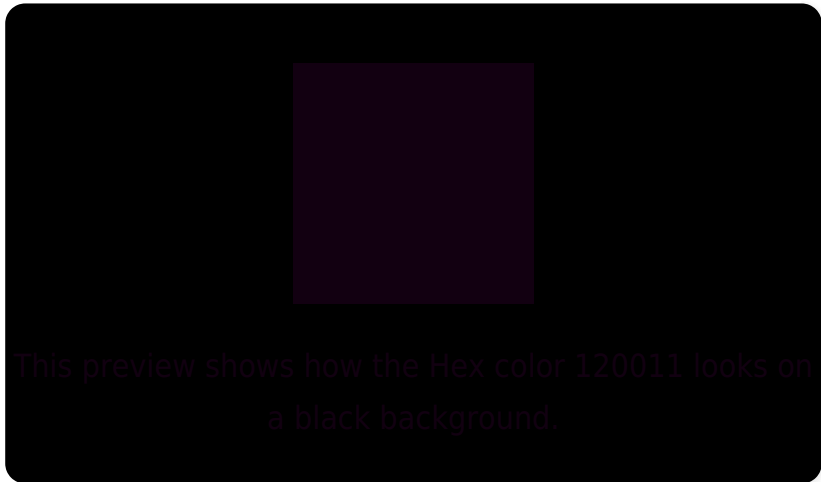
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

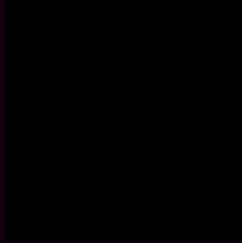
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 120011 Background



This preview shows how black text looks on a background with the Hex color 120011.



This preview shows how white text looks on a background with the Hex color 120011.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
120011

**Protanopia**  
000A15

**Deuteranopia**  
070A10



**Tritanopia**  
110707

# Trichromacy



**Original Color**

120011

**Protanomaly**

070614

**Deuteranomaly**

0B0610

**Tritanomaly**

11040B

# Monochromacy



**Original Color**

120011

**Achromatopsia**

070707

**Achromatomaly**

0B040B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 120011 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #120011 looks like.

```
.text, #text, p{  
    color:#120011  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #120011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120011  
}
```

## Border

The CSS property to change the border of an element to Hex 120011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

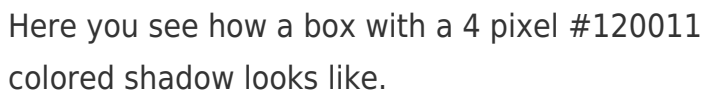
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#120011 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#120011 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #120011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120011; -webkit-box-shadow:4px 4px  
4px 4px #120011; box-shadow:4px 4px 4px  
4px #120011 }
```

# Background

The CSS property to change the background color of an element to Hex 120011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120011 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#120011 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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